

Fig. 1

Figure 2

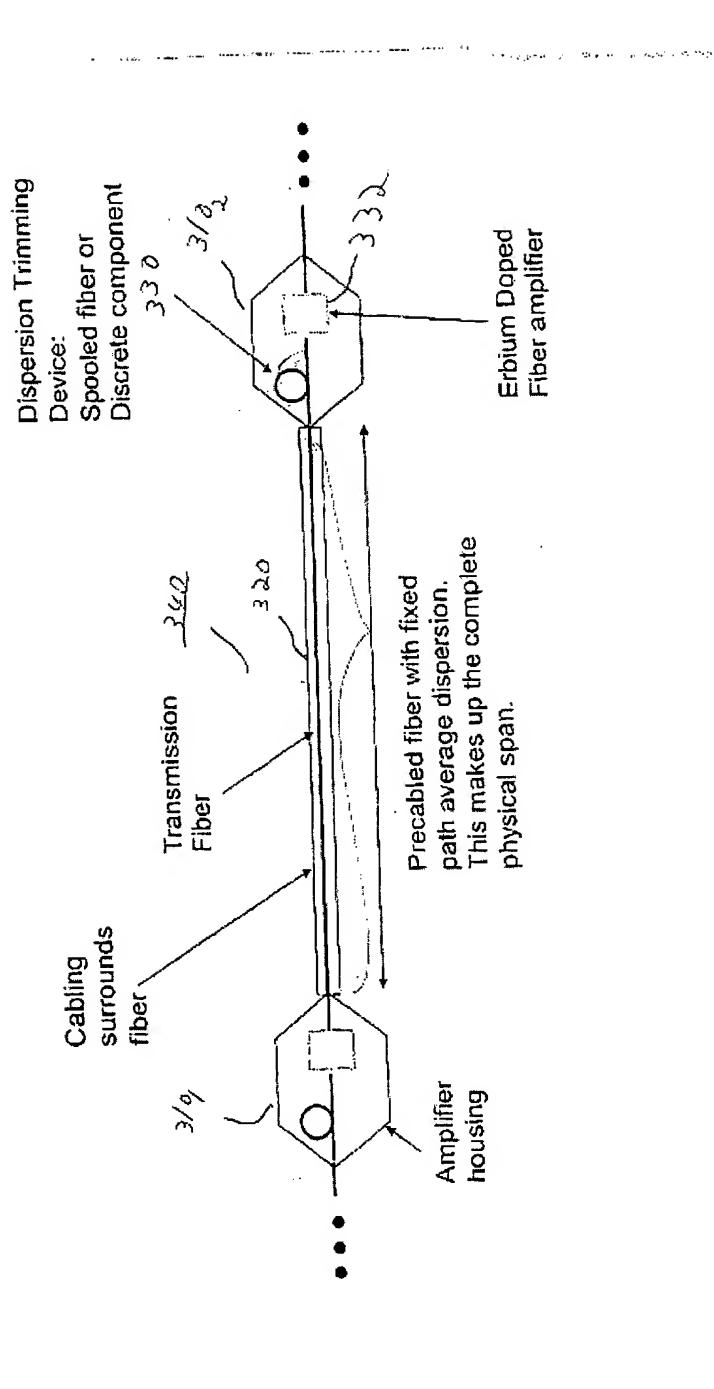


Figure 3

$$D_{\text{avg cable}} = \frac{D_1 L_1 + D_2 L_2}{L_1 + L_2}$$

$$D_{\text{average total}} = \frac{D_1 L_1 + D_2 L_2 + D_{\text{trim}} L_{\text{trim}}}{L_1 + L_2 + L_{\text{trim}}} \text{ or } \frac{D_1 L_1 + D_2 L_2 + D_{\text{trim}}}{L_1 + L_2 + L_{\text{trim}}}$$

Where D_{trim} is the group delay (ps/nm) of a discrete device

Note: L_2 can be 0

Amplifier Design
for
Complex Dispersion Maps

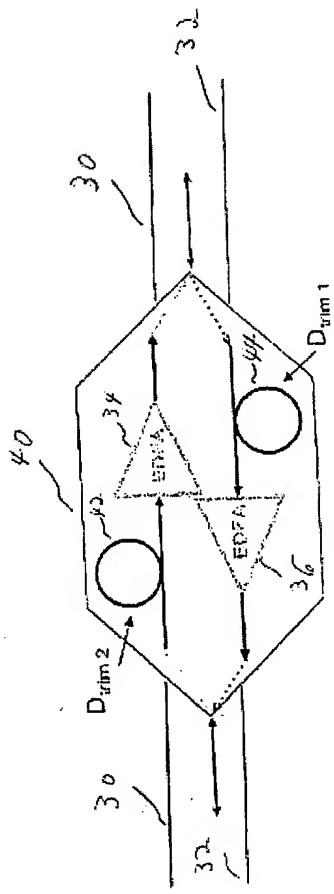
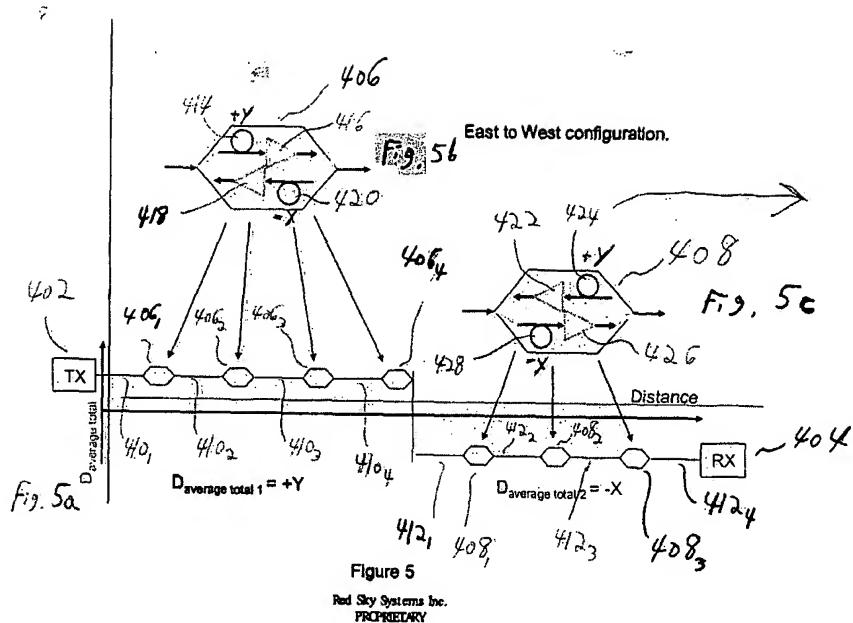


Figure 4

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West to East configuration.

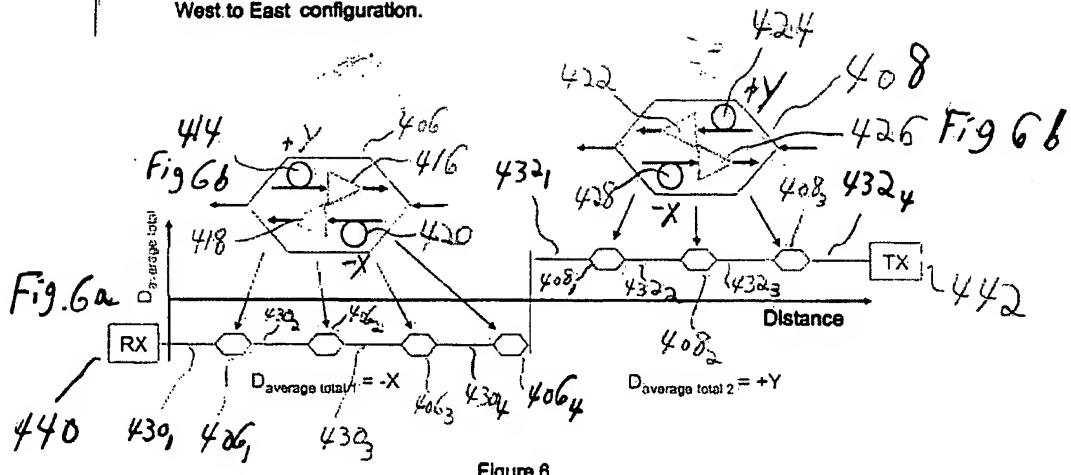


Figure 6

Red Sky Systems Inc.
PROPRIETARY



Fig. 6